

What is claimed is:

1. An apparatus to sustain fuel burning for outdoor cooking, the apparatus comprising:

an elongate band having a length with opposite first and second end
5 edges, opposite top and bottom edges, and opposite first and second
surfaces; and

a plurality of curved portions in the band between the band first and
second end edges, the curved portions of the band positioning a plurality of
first and second surface sections opposing each other.

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2. The apparatus of Claim 1, further comprising:

the bottom edge of the band having a curved configuration between the
first and second end edges of the band, the curved configuration of the band
bottom edge being adapted to rest on a convex surface.

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3. The apparatus of Claim 2, further comprising:

the top edge of the band between the band first and second end edges
being positioned in a single plane.

20 4. The apparatus of Claim 1, further comprising:

the curved portions of the band defining a pathway between the first
and second surface sections opposing each other, the pathway extending
between the opposing band first and second surface sections and being
dimensioned to receive cooking fuel between the opposing band first and

second surface sections to direct burning of the cooking fuel along the pathway and thereby sustain the burning of the cooking fuel.

5. The apparatus of Claim 4, further comprising:
5 the pathway having a spiral pattern.
6. The apparatus of Claim 4, further comprising:
the pathway having a zigzag pattern.
- 10 7. The apparatus of Claim 4, further comprising:
the band having an outer peripheral boundary and the pathway
overlapping within the band outer peripheral boundary.
8. The apparatus of Claim 1, further comprising:
15 the band having an outer peripheral boundary that extends around the
length of the band and the band outer peripheral boundary being received
inside a heat chamber of an outdoor smoker/cooker.
9. The apparatus of Claim 1, further comprising:
20 at least some of the first and second surface sections being parallel to
each other.

10. The apparatus of Claim 1, further comprising:
at least some of the first and second surface sections having an equivalent curvature.
- 5 11. The apparatus of Claim 1, further comprising:
the band being constructed of a consumable material.
12. An apparatus to sustain fuel burning for outdoor cooking, the apparatus comprising:
- 10 a band having an elongate length with opposite first and second end edges;
a plurality of angled portions in the band between the band first and second end edges; and
a plurality of sections of the band length between the band first and
15 second end edges, the band sections being separated from each other by the band angled portions, and at least some of the band sections overlapping each other.
13. The apparatus of Claim 12, further comprising:
- 20 the band having opposite top and bottom edges that extend along the length of the band, and the band bottom edge having a curved configuration between the band first and second end edges that is adapted to rest on a convex surface.

14. The apparatus of Claim 13, further comprising:

the band top edge between the band first and second end edges being positioned in a single plane.

5 15. The apparatus of Claim 12, further comprising:

the overlapping band sections defining a pathway between the overlapping band sections that is dimensioned to receive cooking fuel in the pathway between the overlapping band sections to direct burning of the cooking fuel along the pathway and thereby sustain the burning of the cooking
10 fuel.

16. The apparatus of Claim 15, further comprising:

the pathway having a spiral pattern.

15 17. The apparatus of Claim 15, further comprising:

the pathway having a zigzag pattern.

18. The apparatus of Claim 15, further comprising:

the band having an outer peripheral boundary and the pathway being
20 positioned within the outer peripheral boundary.

19. The apparatus of Claim 12, further comprising:

the band having an outer peripheral boundary that extends around the length of the band and the band outer peripheral boundary being received inside a heat chamber of an outdoor smoker/cooker.

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20. The apparatus of Claim 12, further comprising:

at least some of the overlapping band sections being parallel to each other.

10 21. The apparatus of Claim 12, further comprising:

at least some of the overlapping band sections having an equivalent curvature.

22. The apparatus of Claim 12, further comprising:

15 the band being constructed of a consumable material.

23. An apparatus to sustain fuel burning for outdoor cooking, the apparatus comprising:

a pair of opposing wall surfaces having a spacing between the opposing wall surfaces, the spacing being dimensioned to receive cooking fuel in the spacing, the pair of opposing wall surfaces having elongate lengths that define a pathway in the spacing between the pair of opposing wall surfaces that extends between the lengths of the pair of opposing wall surfaces, the pathway being dimensioned to receive cooking fuel in the

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pathway and to direct burning of the cooking fuel along the pathway and thereby sustain burning of the cooking fuel.

24. The apparatus of Claim 23, further comprising:

5 the pair of opposing wall surfaces having a common bottom edge that has a curved configuration that is adapted to rest on a convex surface.

25. The apparatus of Claim 24, further comprising:

10 the pair of opposing wall surfaces having a common top edge that is positioned in a single plane.

26. The apparatus of Claim 23, further comprising:

the pathway having a spiral pattern.

15 27. The apparatus of Claim 23, further comprising:

the pathway having a zigzag pattern.

28. The apparatus of Claim 23, further comprising:

20 the pair of opposing wall surfaces having an outer peripheral boundary and the pathway being entirely within the outer peripheral boundary.

29. The apparatus of Claim 28, further comprising:

the pair of opposing wall surfaces outer peripheral boundary being received inside a heat chamber of an outdoor smoker/cooker.

30. The apparatus of Claim 23, further comprising:
 at least some sections of the pair of opposing wall surfaces being
 parallel to each other.

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31. The apparatus of Claim 23, further comprising:
 at least some sections of the pair of opposing wall surfaces having an
 equivalent curvature.

10 32. The apparatus of Claim 23, further comprising:
 the band be constructed of a consumable material.

33. A method of sustaining fuel burning in an outdoor cooker, the method
 comprising:

15 providing an elongate band with a length with opposite first and second
 end edges, opposite top and bottom edges, and opposite first and second
 surfaces;

providing a plurality of curved portions in the band between the first
 and second end edges where the curved portions of the band position a
 20 plurality of first and second surface sections opposite each other defining a
 pathway between the opposite first and second surface sections;

positioning cooking fuel in the pathway between the opposite first and
 second surface sections and along the pathway; and

burning the cooking fuel with the first and second surface sections opposite each other directing burning of the cooking fuel along the pathway.

34. A method of prolonging charcoal burning in a heat chamber of a charcoal barbecue grill, the method comprising:

providing a divider wall in a form of a loop, the divider wall having opposite interior and exterior surfaces and opposite top and bottom edges extending around the loop;

positioning the divider wall on its bottom edge in the heat chamber of the charcoal barbecue where the divider wall divides an interior volume of the heat chamber into an inner volume inside the interior surface of the divider wall and an outer volume outside the exterior surface of the divider wall and surrounding the inner volume;

arranging charcoal in the outer volume in a path around the divider wall exterior surface from a beginning of the path to an end of the path that is separated from the beginning of the path; and

igniting the charcoal in the outer volume at the beginning of the path whereby the charcoal burns over time through the outer volume and around the divider wall exterior surface from the beginning of the charcoal path to the end of the charcoal path.

35. The method of Claim 34, wherein:

the heat chamber of the charcoal barbecue grill has at least a bottom structural wall and the step of positioning the divider wall in the heat chamber

includes placing the divider wall bottom edge on the bottom structural wall of the heat chamber.

36. The method of Claim 35, wherein:

5 the bottom structural wall has a convex surface that supports the divider wall.